

RSPL/CCG/VKG/ENV-002/110/2025-26

Date: 15.04.2025

To,  
Integrated Regional Office,  
Ministry of Environment, Forests and Climate Change,  
Room No. 407, Aranya Bhawan,  
Near CH-3 Circle, Sector 10A, Gandhinagar,  
Gujarat- 382010

**Sub.: Six-monthly Compliance Status Report of Soda Ash Plant located at village Kuranga, Taluka Dwarka, District Devbhumi Dwarka, Gujarat by RSPL Limited**

**Ref.: Consolidated Environmental Clearance and CRZ Clearance granted vide MoEFCC letter F. No. J-11011/247/2012-IA II (I) dated 12.11.2015**

Dear Sir,

With reference to above, we are hereby submitting six-monthly compliance status report for the period October, 2024 to March, 2025.

Thanking You.

Yours faithfully,  
For **RSPL LIMITED**



**Vinay Gupta**  
Env. Dept.

Encl: as above

Copy to:

1. **The Director (DoEF) & Member Secretary (GCZMA)  
Forests & Environment Department  
Block No. 14, 8<sup>th</sup> Floor, Sachivalay, Gandhinagar -382010, Gujarat**
2. **The Zonal Officer  
Central Pollution Control Board  
Parivesh Bhawan  
Opp. VMC Ward Office No. 10, Subhanpura  
Vadodara- 390 023, Gujarat**
3. **The Regional Officer  
Gujarat Pollution Control Board  
Jamnagar, Gujarat**

**POINTWISE COMPLIANCE OF CONSOLIDATED ENVIRONMENTAL CLEARANCE AND CRZ CLEARANCE OF MOEFCC ISSUED VIDE LETTER NO. J-11011/247/2012-IA-II (I) DATED 12/11/2015 FOR SODA ASH PLANT (1500 TPD) AND CAPTIVE POWER PLANT (50 MW) AT VILLAGE KURANGA, TALUKA DWARKA, DISTRICT DEVBHUMI DWARKA, GUJARAT (For the Period October 2024 to March 2025)**

S. No.	EC Conditions	Compliance Status
<b>A</b>	<b>SPECIFIC CONDITIONS</b>	
i)	<p>The environmental clearance is subject to obtaining prior clearance from Wildlife angle including clearance from the Standing Committee of the National Board for Wildlife as applicable.</p>	<p>Complied.</p> <p>The unit has already obtained necessary prior clearance from Wildlife angle had been received from concerned authorities.</p> <p>Proposal for NBWL Clearance was considered by the National Board for Wildlife Committee in 35<sup>th</sup> meeting held on 18.08.2015 at New Delhi. Committee recommended the proposal for NBWL Clearance.</p> <p>The unit has committed to carry out the activities proposed for Wildlife Conservation worth of Rs. 315 Lakhs with the help of Marine National Park office as a part of minimizing the adverse impact of the project on nearby Sanctuary/Forest area.</p> <p>In turn, Chief Wildlife Warden, Gandhinagar, Gujarat State vide letter dated 24.09.2015 issued necessary permission.</p> <p>Copies of the same were submitted in our earlier compliance report vide our letter RSPL/CCG/VKG/ENV-002/038/2016-17 dated 30.05.2016.</p>
ii)	<p>Electrostatic Precipitator along with adequate stack height shall be provided to coal fired boiler to control particulate emissions. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.</p>	<p>Complied.</p> <p>The unit has already installed three boilers, all are operational and at a time, two boilers are being used. ESPs along with adequate common stack height (122.0 m) have been provided for coal/lignite fired boiler to control particulate emissions and for dispersion of emissions. Individual ESP with each boiler has been provided.</p> <p>Monitoring Report of stack attached to ESP has been attached herewith <b>Annexure-1</b>.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
iii)	<p>As proposed, scrubbers shall be provided to the 5 nos. Lime Kilns. Scrubber shall be provided to ammonia recovery system and filtration/calcination section. The scrubbing media should be monitored regularly and maintained properly. At no time, the emission levels should go beyond the prescribed standards.</p>	<p>Complied.</p> <p>Five lime kilns have been installed which have been provided with ESPs and Scrubbers as per design specifications. Sea-water scrubbers are used to clean and reduce the temperature of the emitted gases.</p> <p>As a part of ammonia recovery system, the tower gas scrubbers using brine as the scrubbing media located on the top of two stage ammonia gas absorbers have been installed. Both ammonia gas absorbers are operating. Further, chilled water consideration for absorption process has ensured good absorption efficiency.</p> <p>Two-stage scrubbing of CO<sub>2</sub> gas and filter air washer (scrubber) has been installed for Ammonia Absorption in Filtration/Calcination area and operating. Both filter air washers (scrubber) are operating.</p> <p>The functioning of scrubbing media is being monitored regularly and maintained properly.</p>
iv)	<p>Bag filter shall be provided to lime grinding system. All crushers and transfer points shall be provided with dust extraction system consist of hoods, bag house, ID fans and exhaust duct. Closed storage, covered belt conveyor, baghouse/bagfilter shall be provided at transfer points. All the pollution control devices suggested in the EIA/EMP shall be implemented.</p>	<p>Complied.</p> <p>Bag filters as a part of Lime Grinding system as well as a common de-dusting (dust extraction system consisting of bag house, ID Fan, exhaust duct) has been provided for the Lime Grinding area.</p> <p>Adequate pollution control systems have been installed in the vulnerable areas like:</p> <p>RMHS area: All Dust Extraction systems have been installed and operating for Limestone, Salt, Coal &amp; Coke handling. Dust suppression system is also installed for coal/coke stock piles and coal truck tippler. Moreover, dry fog systems are also installed to control fugitive emissions currently in coal handling system which is being extended to limestone handling system in a phased manner.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
v)	<p>Ambient air quality data shall be collected as per NAAQES standards notified by the Ministry vide G.S.R. No. 826 (E) dated 16th September, 2009. The levels of PM10, PM2.5, SO2, NOx, VOC, CO and NH3 shall be monitored in the ambient air and displayed at a convenient location near the main gate of the company and at important public places. The company shall upload the results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional office of MOEF, the respective Zonal office of CPCB and GPCB.</p>	<p>Complied.</p> <p>The unit has selected ambient air monitoring stations and monitoring is carried out at three locations i.e. one upwind and two downwind direction as well as where maximum ground level concentration is anticipated in concentration in consultation with the state pollution control Board.</p> <p>The unit has carried out ambient air monitoring within the premises at following locations:</p> <ol style="list-style-type: none"> <li>1. Towards Gojiness Village (Nr. Salt storage yard)</li> <li>2. Time Office</li> <li>3. Nr. Old Admin Block</li> </ol> <p>For Ambient Air quality monitoring of ground level concentration of PM10, PM2.5, SO2 and NOx is carried out on monthly basis.</p> <p>Detailed report of periodic Environmental Monitoring is attached herewith as <b>Annexure-1</b> and we are periodically submitting the reports to the office of MoEF&amp;CC, Gandhinagar, Zonal office of CPCB and GPCB.</p> <p>Further, ambient air monitoring data are being displayed on the display board near main gate of the company. Monitoring reports are also uploaded on company's website.</p>
vi)	<p>In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Fugitive emissions shall be controlled by providing closed storage, closed handling &amp; conveyance of chemicals/materials, multi cyclone separator and water sprinkling system. Dust suppression system including water sprinkling system shall be provided at loading and unloading areas to control dust</p>	<p>Complied.</p> <p>For controlling the fugitive emission from various sources following measures have been implemented in their plant:</p> <ul style="list-style-type: none"> <li>• Closed storage facility has been provided for coal storage. Coal storage yard has been provided with a coal-shed facility of 420 m length and 120 m width keeping in view the future expansion also.</li> <li>• Closed Gantry/Hood covering has been considered for conveying systems.</li> </ul>

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	<p>emissions. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the GPCB.</p>	<ul style="list-style-type: none"> <li>Dust Extraction systems and Dust suppression system i.e. water sprinkling system have been provided to control fugitive emissions from all the vulnerable sources.</li> </ul> <p>Additionally, daily sprinkling of water on the approach roads is being done for dust suppression. All emissions are within limits as per the norms laid down by GPCB.</p>
vii)	<p>Unit shall create covered coal storage along with facilities for garland drain around coal handling area which leads to a settling pit. Pucca road shall be created in and around coal storage area and parking area.</p>	<p>Complied.</p> <p>Coal storage yard has been provided with a coal-shed facility of 420 m length and 120 m width keeping in view the future expansion also. Garland drain with setting pit has been provided.</p> <p>Pucca road has been constructed around coal storage area and parking area.</p>
viii)	<p>The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution.</p>	<p>Complied.</p> <p>DG sets of 2000 KVA and 1010 KVA have been provided for emergency use with adequate stack height of 30.0 m for dispersion of emissions. Acoustic enclosures are also provided to attenuate noise levels.</p> <p>Monitoring reports of DG sets is attached in <b>Annexure-1</b>.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>																		
ix)	<p>Total fresh water requirement from Arabian Sea shall not exceed 600 MLD and prior permission shall be obtained from the Competent Authority.</p>	<p>Complied.</p> <p>Total water requirement from Arabian sea is 600 MLD and necessary following clearances/recommendations have been obtained.</p> <p>A. CRZ Clearance: MoEFCC, New Delhi has accorded consolidated EC-CRZ Clearance vide letter dated 12.11.2015 and</p> <p>B. Forests &amp; Environment Department (DoEF), Gandhinagar/Gujarat Coastal Management Zone Authority, Gandhinagar has issued necessary recommendation vide letter dated 17.12.2014.</p> <p>Copies of the same were submitted in our earlier compliance report vide our letter RSPL/CCG/VKG/ENV-002/038/2016-17 dated 30.05.2016.</p> <p>To measure the fresh water consumption, flow meter has been installed near the sea water intake sump.</p> <p>Details of seawater drawl from October'24 to March'25 is as below.</p> <table border="1"> <thead> <tr> <th><b>Months</b></th><th><b>Total Seawater drawl (KL)</b></th></tr> </thead> <tbody> <tr> <td>October'24</td><td>13118495</td></tr> <tr> <td>November'24</td><td>11317412</td></tr> <tr> <td>December'24</td><td>9965907</td></tr> <tr> <td>January'25</td><td>13086816</td></tr> <tr> <td>February'25</td><td>10601403</td></tr> <tr> <td>March'25</td><td>12464401</td></tr> <tr> <td><b>Total</b></td><td><b>7,05,54,434</b></td></tr> <tr> <td><b>Avg/day</b></td><td><b>3,89,804</b></td></tr> </tbody> </table>	<b>Months</b>	<b>Total Seawater drawl (KL)</b>	October'24	13118495	November'24	11317412	December'24	9965907	January'25	13086816	February'25	10601403	March'25	12464401	<b>Total</b>	<b>7,05,54,434</b>	<b>Avg/day</b>	<b>3,89,804</b>
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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>																		
x)	<p>As proposed, process effluent should be treated in ETP. Treated effluent should be discharged into Arabian Sea at a designated point having diffuser system as recommended by NIO after conforming to the standards prescribed for the effluent discharge and obtaining permission from the GPCB. Domestic sewage should be treated in STP. Treated sewage shall be reused for horticulture purpose</p>	<p>Complied.</p> <p>The return through cooling water is being mixed with Process effluent. To achieve the GPCB norms, effluent is being further treated &amp; diluted with fresh Seawater. Treated effluent is being disposed into the Arabian Sea at a designated point through multiport diffuser system as recommended by the NIO. Necessary permission, consent to discharge from GPCB (CCA vide consent order no. AWH – 137417 dated 01.10.2024) has been obtained.</p> <p>Details of treated effluent discharged from October'24 to March'25 is as below:</p> <table border="1"> <thead> <tr> <th><b>Months</b></th><th><b>Treated Effluent discharged in Arabian Sea (KL)</b></th></tr> </thead> <tbody> <tr> <td>October'24</td><td>12979990</td></tr> <tr> <td>November'24</td><td>11153114</td></tr> <tr> <td>December'24</td><td>9653190</td></tr> <tr> <td>January'25</td><td>11657460</td></tr> <tr> <td>February'25</td><td>10425496</td></tr> <tr> <td>March'25</td><td>11899303</td></tr> <tr> <td><b>Total</b></td><td><b>67768553</b></td></tr> <tr> <td><b>Avg/day</b></td><td><b>3,74,412</b></td></tr> </tbody> </table> <p>Sewage Treatment Plant of 200 KLD of design capacity has been installed and operating (CCA vide consent order no. AWH – 137417 dated 01.10.2024). Treated sewage is being used for greenbelt development.</p>	<b>Months</b>	<b>Treated Effluent discharged in Arabian Sea (KL)</b>	October'24	12979990	November'24	11153114	December'24	9653190	January'25	11657460	February'25	10425496	March'25	11899303	<b>Total</b>	<b>67768553</b>	<b>Avg/day</b>	<b>3,74,412</b>
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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
xi)	Treated effluent should be passed through guard pond. Online pH meter, flow meter and TOC analyzer should be installed.	<p>Complied.</p> <p>The return once through cooling water is being mixed with Process effluent from Soda Ash Plant, rejects from RO/DM plant and brine preparation reject. To achieve the GPCB norms, effluent is being further treated &amp; diluted with seawater in mixing pond. Effluent is being discharged from mixing pond to pump house through a concrete open channel of 581-meter length till the retention pond and pump house and thereafter through buried pipelines of approximately 2000 meters for its further discharged at -12m CD water depth in Arabian Sea at a designated point having coordinates 22°00'39.51"N and 69°09'07.01"E as recommended by the NIO and approval of competent authorities.</p> <p>Online pH meter, flow meter has been provided at effluent discharge header. Effluent Analyzer for pH, Temp., TSS, Ammonical Nitrogen (Vendor: Endress &amp; Houser) has been installed.</p> <p>Since the effluent is inorganic in nature, TOC analyzer is not installed. Letter in this regard had been submitted to MoEFCC.</p>
xii)	Automatic /online monitoring system (24 x 7 monitoring devices) for flow measurement and other relevant pollutants in the treatment system to be installed. The data to be made available to the respective SPCB and in the Company's website.	<p>Complied.</p> <p>Monitoring systems (online instrumentation) for flow measurement as well as relevant pollutants like SS, pH and Ammonical Nitrogen as well as outlet Temperature measurement (Vendor: Endress &amp; Houser) has been provided and connected to GPCB server.</p> <p>In addition to this Monitoring systems (Online instruments) for air pollutants like SO<sub>2</sub>, NOx and PM (Vendor: Emerson Process) has been provided and connected to GPCB server.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>																				
xiii)	<p>The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from GPCB shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency. Membership of TSDF for hazardous waste disposal shall be obtained.</p>	<p>Complied.</p> <p>Prior Authorization from GPCB vide Consent Order No. AWH – 137417 dated 01.10.2024 for collection, storage and disposal of Hazardous waste has been obtained under the Hazardous Waste (Management and Transboundary Movement) Rules, 2016 and its subsequent amendments.</p> <p>Firefighting systems are in place to deal with fire accidental emergency situations.</p> <p>Dedicated hazardous waste storage has been provided for the generated hazardous waste at designated area as per guidelines of Hazardous Waste Rules, 2016.</p> <p>Summary of hazardous waste disposed to GPCB authorized preprocessors/recyclers is as below:</p> <table border="1"> <thead> <tr> <th><b>Waste</b></th><th><b>Category</b></th><th><b>Consented quantity (MT)</b></th><th><b>Disposal (Oct'24-Mar'25 (MT)</b></th><th><b>Qty stored as on Mar-25 (MT)</b></th></tr> </thead> <tbody> <tr> <td>Used Oil/Waste Oil</td><td>5.1</td><td>5.5</td><td>2.0</td><td>1.94</td></tr> <tr> <td>Discarded containers</td><td>33.1</td><td>0.75</td><td>0.5</td><td>1.06</td></tr> <tr> <td>Spent Resin</td><td>35.2</td><td>13.52 (once in 5 years)</td><td>0.0</td><td>3.93</td></tr> </tbody> </table> <p>We have obtained membership of TSDF, M/s. Varni Enviro Care Pvt. Ltd., Surendranagar for disposal of spent resin.</p>	<b>Waste</b>	<b>Category</b>	<b>Consented quantity (MT)</b>	<b>Disposal (Oct'24-Mar'25 (MT)</b>	<b>Qty stored as on Mar-25 (MT)</b>	Used Oil/Waste Oil	5.1	5.5	2.0	1.94	Discarded containers	33.1	0.75	0.5	1.06	Spent Resin	35.2	13.52 (once in 5 years)	0.0	3.93
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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>																
xiv)	Fly ash should be stored separately as per CPCB guidelines so that it should not adversely affect the air quality, becoming air borne by wind or water regime during rainy season by flowing along with the storm water. Direct exposure of workers to fly ash & dust should be avoided.	<p>Complied.</p> <p>Fly ash is being collected in pneumatic silos and is being ensured that does not get air borne and not affect water regime during the rainy season by flowing along with storm water. The workers are provided with safety masks as PPEs to avoid any contact with dust or fly ash while working.</p>																
xv)	Proper utilization of fly ash shall be ensured as Fly Ash Notification, 1999 as amendment in 2003. Fly ash shall be provided to cement and brick manufacturers for further utilization.	<p>Complied.</p> <p>Fly ash is being stored in pneumatic silos and then sent to nearby cement industry (M/s. Shree Digvijay Cement Company Limited, Jamnagar and M/s. Saurashtra Cement Limited, Porbandar) for its utilization. The excess fly ash is utilized for leveling and internal road development and road construction agency (M/s. Manek Global Infra) for its utilization.</p> <p>Details of the quantity of fly ash generated and sold to the cement companies and road development for last 6 months are shown below:</p> <table border="1"> <thead> <tr> <th><b>Month</b></th><th><b>Fly Ash sold to Cement Company, road development and brick manufacturer (MT)</b></th></tr> </thead> <tbody> <tr> <td>October'24</td><td>4366</td></tr> <tr> <td>November'24</td><td>3543</td></tr> <tr> <td>December'24</td><td>3406</td></tr> <tr> <td>January'25</td><td>4576</td></tr> <tr> <td>February'25</td><td>3910</td></tr> <tr> <td>March'25</td><td>3854</td></tr> <tr> <td><b>Total</b></td><td><b>23,655</b></td></tr> </tbody> </table>	<b>Month</b>	<b>Fly Ash sold to Cement Company, road development and brick manufacturer (MT)</b>	October'24	4366	November'24	3543	December'24	3406	January'25	4576	February'25	3910	March'25	3854	<b>Total</b>	<b>23,655</b>
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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
xvi)	Unit shall create covered coal storage along with facilities for garland drain around coal handling area which leads to a settling pit. Pucca road shall be created in and around coal storage area and parking area.	<p>Complied.</p> <p>Closed coal storage facility has been provided for coal storage. Pucca road has been constructed surrounding the coal area and parking area. Garland drain with setting pit has been provided.</p>
xvii)	As proposed, Greenbelt area of 189 ha. shall be developed within plant premises with at least 10 m wide green belt on all sides along the periphery of the project area, in downwind direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	<p>Complied.</p> <p>Greenbelt is being developed in a phase wise manner along the plant boundary, along the internal roads, near workshop area, ammonia storage area, near offices, sub-station 2, south side of Utility, area between intake pump house and outfall discharge chambers etc.</p> <p>Greenbelt has already been developed in 98 ha. of land and development of greenbelt in remaining 91 ha. of land is being developed in phased manner.</p> <p>Plants have already been planted having different species such as Saru, Neem, Peltophorum, Paras Piplo, Gulmohar, Pongamia pinnata, Royal-palm, Nerium oleander, Cascabelatheveta, Threvetiya, Kaseed, Bamboo, Australian Babool, Bougenvellia, Clerodendrum inerme, Conocarpus, <i>Terminalia Cattappa (Badam)</i>, <i>Thevetia peruviana (Kaner)</i>, <i>Ficus benghalensis (Bargad)</i>, <i>Pongamia pinnata (Kanji)</i>, <i>Delonix regia (Gulmahor)</i>, <i>Acacia auriculiformis (Bangali Bavad)</i>, <i>Cocos nucifera (Coconut)</i>, <i>Salvadora persica (Peeludi)</i>, <i>Ficus virens (Pilkhan)</i> etc. Nursery has also been developed to accommodate about 30,000 plants saplings.</p>

POINTWISE COMPLIANCE OF CONSOLIDATED ENVIRONMENTAL CLEARANCE AND CRZ CLEARANCE OF MOEFCC ISSUED VIDE LETTER NO. J-11011/247/2012-IA-II (I) DATED 12/11/2015 FOR SODA ASH PLANT (1500 TPD) AND CAPTIVE POWER PLANT (50 MW) AT VILLAGE KURANGA, TALUKA DWARKA, DISTRICT DEVBHUMI DWARKA, GUJARAT (For the Period October 2024 to March 2025)

S. No.	EC Conditions	Compliance Status																																													
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S. No.	EC Conditions	Compliance Status
xviii)	<p>As proposed, 2.5% (i.e. 43.70 Crores) of the total cost of the project shall be earmarked towards Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup to be submitted to MoEFCC, Bhopal. Implementation of such program shall be ensured accordingly in a time bound manner.</p>	<p>Complied.</p> <p>For CSR activities, about Rs. 17.79 crore out of Rs. 43.70 Crore has been expended till September 2024.</p> <p>Further an Office Memorandum has been issued by MoEFCC dated. 30.09.2020, which states that,</p> <p><i>“The commitments made by the project proponent to address the concern raised during the public consultation and prescribe condition(s) in physical terms while recommending the proposal, for grant of prior environmental clearance instead of allocation of funds under Corporate Environment Responsibility.”</i></p> <p>It was informed that already acted on their commitments made during the public hearing and most of the commitments have already been fulfilled by them as a part of CSR activities.</p> <p>Hence, as per the new amended O.M. issued by MoEFCC regarding CSR, the condition imposed on the company regarding 2.5% of the project cost in the EC is not applicable.</p> <p>CSR activities have already been initiated in following sectors in the surrounding 12 villages:</p> <ul style="list-style-type: none"> <li>a) Education</li> <li>b) Sanitation</li> <li>c) Drinking water</li> <li>d) Health care</li> <li>e) Infrastructure Development</li> </ul> <p>Details of the CSR activities undertaken in neighboring villages with photographs are enclosed as <b>Annexure-2</b>.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
xix)	All the commitments made to the public during public hearing/public consultation meeting held on 10th June shall be satisfactorily implemented and adequate budget provision shall be made accordingly.	Complied.  The majority of the commitments made during the Public Hearing has been fulfilled under CSR activities.
xx)	Provision shall be made for the housing for the construction labor within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile sewage treatment plant, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on surrounding environment.	Complied.  During construction phase necessary facilities like drinking water, housing, medical health care, STP were provided.  Temporary labor camps established during construction phase have already been removed as the plant is currently in operation phase.
<b>B</b>	<b>SPECIFIC CONDITIONS RESPECT OF CRZ:</b>	
i)	Company shall explore possibility for enhance recycling of treated water.	Noted.  Treated wastewater from STP is being used 100% in greenbelt development activities within plant premises. However, efforts are being made to optimize water consumption by exploring Best Available Techniques (BAT) and to reduce, recycle and reuse of the treated effluent.
ii)	The intake and outfall shall be through buried pipelines. The pipelines shall be buried two meters below the ground level/sea bed.	Complied.  Both intake and outfall pipelines are buried below the ground level/seabed based on the hydraulic requirements. In shallow water, pipelines are protected with rock armor and rest of the pipelines are backfilled with dredged/excavated material.

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S. No.	EC Conditions	Compliance Status
iii)	The marine outfall shall be at 12 m below Chart Datum. The effluents shall be discharged through multiple ports at the outfall for proper thermal and salinity dispersion. The total effluent discharge to sea is approx. 6, 00,000 KLD.	Complied.  The treated effluent is being discharged at -12m CD water depth via buried pipeline in Arabian Sea through Multiport diffuser system as per recommendation of National Institute of Oceanography, Mumbai.
iv)	Installation of trash bar/screen shall be put in place at the intake well to avoid fish entrapment.	Complied.  The Intake head consist of Intake screen, supported on the concrete structure buried in the seabed with scour protection to avoid fish entrapment.
v)	All the recommendations and conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) letter dated 07.12.2014 shall be complied with.	Complied.  Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide letter dated 17.12.2014 is attached as <b>Annexure-3</b> .
vi)	The outlet quality as well as the sea water near the outfall shall be monitored regularly especially for temperature and salinity. Necessary remediation measures shall be taken in case of significant impact of temperature and salinity. A report in this regard shall be submitted to Regional Office, MoEF&CC along with six monthly monitoring reports.	Complied.  Outlet quality and seawater of outfall location is being monitored periodically by National Institute of Oceanography (NIO), Mumbai. CSIR-NIO completed the periodic coastal monitoring of Marine Environment Quality off Kuranga Coast from 8 <sup>th</sup> to 12 <sup>th</sup> January, 2025. The copy of the coastal monitoring report will be submitted once it is received from NIO.
vii)	All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF&CC along with half yearly compliance report to RO-MoEF&CC.	Noted and agreed.

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
viii)	Construction activity shall be carried out strictly according to the provisions of CRZ Notification, 2011. No construction work other than those permitted in Coastal Regulation Zone Notification shall be carried out in Coastal Regulation Zone area.	Complied.  Laying of intake and outfall pipelines were carried out in CRZ area which is a permissible activity as per CRZ Notification.
ix)	The project shall be executed in such a manner that there shall not be any disturbance to the fishing activity. It shall be ensured that there is no displacement of people, houses or fishing activity as a result of the project.	Complied.  No fishermen community is residing near Kuranga sea-coast, therefore, there is no displacement of fishermen is envisaged due to laying of pipelines have been laid underground to ensure unhindered passage to local fishing crafts.
<b>C.</b>	<b>GENERAL CONDITIONS:</b>	
i)	The project authorities must strictly adhere to the stipulations made by the Gujarat Pollution Control Board (GPCB), State Government and any other statutory authority.	Complied  A valid CCA vide consent order no. AWH – 137417 dated 01.10.2024 for existing project activities has been issued by the Gujarat Pollution Control Board (GPCB).  We have been complying with the Specific Conditions as well as conditions mentioned under Air, Water and Hazardous waste management by adhering to all the stipulations made by GPCB, State Government and any statutory authority
ii)	No further expansion or modification in the plant shall be carried out without prior approval of the MoEFCC. In case any deviations or alterations in the project proposal from the submitted to Ministry for clearance, a fresh reference shall be made to Ministry to assess the adequacy of conditions imposed and to add additional	Noted.  Any expansion or modification in the plant likely to cause environmental impacts will be carried out after obtaining prior environmental clearance from the concerned authority. We are following all required guidelines and doing only activity which is part of approved under EC granted by MoEF&CC.

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>															
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iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the Gujarat Pollution Control Board (GPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Ambient Air Quality Monitoring is being carried out at 3 locations (One in upwind and two in down-wind directions) as per suggestion of GPCB.															
iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act,1986 viz.75 dB(A) (day time) and 70 dB(A) (night time).	<p>Complied.</p> <p>While selecting equipment, the noise level factor has been carefully considered &amp; every supplier has assured to take necessary measures to control noise levels within the permissible limit. Ambient Noise Monitoring report is attached herewith as an <b>Annexure - 1</b>.</p> <p>Green belt/green cover is being developed around the periphery of the plant boundary to control noise levels.</p>															
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	<p>Complied.</p> <p>Three rainwater reservoirs have been developed within the plant area for storage of rainwater. The capacity of reservoir has been kept sufficient enough to store 7,63,823 m<sup>3</sup> rainwater. Collected rainwater is utilized in plant activities.</p> <p>Rainwater reservoir in Plant area:</p> <table border="1"> <thead> <tr> <th><b>Sl. No.</b></th><th><b>Particulars</b></th><th><b>Volume (m<sup>3</sup>)</b></th></tr> </thead> <tbody> <tr> <td>01.</td><td>Reservoir-1</td><td>258207</td></tr> <tr> <td>02.</td><td>Reservoir-2</td><td>395854</td></tr> <tr> <td>03.</td><td>Reservoir-3</td><td>109760</td></tr> <tr> <td colspan="2"><b>Total</b></td><td><b>7,63,823</b></td></tr> </tbody> </table>	<b>Sl. No.</b>	<b>Particulars</b>	<b>Volume (m<sup>3</sup>)</b>	01.	Reservoir-1	258207	02.	Reservoir-2	395854	03.	Reservoir-3	109760	<b>Total</b>		<b>7,63,823</b>
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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
vi)	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Complied.  Adequate care is being taken to avoid mixing of accidental spillages with domestic wastewater and storm water drains. Proper garland drains have been provided around Plant process areas.
vii)	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	Complied.  Usage of PPEs by workers, keeping emergency stock for the same and its proper usage is being ensured. It is being supervised regularly by the management. PPEs are inspected frequently to ensure that it is in good condition. Frequency of checking is decided upon the usage.
viii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Complied.  Occupational health surveillance of the all workers on a regular basis is carried out and records are maintained as per the Factories Act & Rules. The periodic training related to safety aspects is being imparted to staff members and workers. Pre-employment medical check-ups of all the employees are being carried out and records are maintained.
ix)	The company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Complied.  Provisions of Environmental Management Plan have already been taken care in design stage and have been implemented.
x)	The company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	Complied.  Social welfare/community development activities have been carried out in nearby 12 villages. Kindly refer specific condition no. (xviii).

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
xi)	The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Complied.  Eco-development measures in project area such as adequate ground water recharge measures, greenbelt development activities etc. and community welfare activities as a part of CSR activities in surrounding 12 villages have been carried out.
xii)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environment Management and Monitoring functions.	Complied.  A separate environment cell with qualified and experienced team members is established for environmental management and monitoring purpose.
xiii)	The company shall earmark sufficient funds for recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.	Complied.  EMP has been designed keeping in view the regulatory and other requirements to ensure the following: <ul style="list-style-type: none"> <li>• Minimum disturbance to the native flora and fauna</li> <li>• Compliance with the air, water, soil and noise quality norms</li> <li>• Conservation of water to the extent possible</li> </ul> A separate fund is being allocated during yearly budget for environment management and pollution control measures which is not diverted for other purpose.  We earmarked Environment Budget (OPEX and CAPEX) every financial year. Rs. 1.12 Crores towards OPEX and Rs.0.17 Crores towards CAPEX had been earmarked for financial year 2024-25. Funds earmarked for environment protection are not diverted for other purposes.
xiv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions	Complied  A copy of Environment Clearance letter had been submitted to District Collector Officer and Regional Office if the GPCB vide letter dated. 21.12.2015 with details of public notice in National Newspaper and local Gujarati newspaper.

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S. No.	EC Conditions	Compliance Status
	/representations, if any, were received while processing the proposal.	EC has been made accessible on our company's website. ( <a href="http://www.rsplgroup.com">www.rsplgroup.com</a> )
xv)	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the Gujarat Pollution Control Board. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.</p>	<p>Complied</p> <p>The six-monthly compliance reports have been submitted to the MoEFCC, RO- Bhopal, CPCB, Zonal Office-Vadodara and GPCB on following dates:</p> <p>1) RSPL/CCG/VKG/ENV-002/072/2024-25 dated 11.12.2024      2) RSPL/CCG/VKG/ENV-002/005/2024-25 dated 17.04.2024      3) RSPL/CCG/VKG/ENV-002/084/2023-24 dated 29.11.2023      4) RSPL/CCG/VKG/ENV-002/023/2023-24 dated 03.07.2023      5) RSPL/CCG/VKG/ENV-002/084/2022-23 dated 17.12.2022      6) RSPL/CCG/VKG/ENV-002/023/2022-23 dated 25.05.2022      7) RSPL/CCG/VKG/ENV-002/087/2021-22 dated 25.11.2021      8) RSPL/CCG/VKG/ENV-002/036/2021-22 dated 08.07.2021      9) RSPL/CCG/VKG/ENV-002/104/2020-21 dated 30.11.2020      10) RSPL/CCG/VKG/ENV-002/001/2020-21 dated 30.05.2020      11) RSPL/CCG/VKG/ENV-002/013/2019-20 dated 19.11.2019      12) RSPL/CCG/VKG/ENV-002/013/2019-20 dated 12.05.2019      13) RSPL/CCG/VKG/ENV-002/116/2018-19 dated 12.12.2018      14) RSPL/CCG/VKG/ENV-002/042/2018-19 dated 15.06.2018      15) RSPL/CCG/VKG/ENV-002/095/2017-18 dated 04.12.2017      16) RSPL/CCG/VKG/ENV-002/026/2017-18 dated 19.05.2017      17) RSPL/CCG/VKG/ENV-002/228/2016-17 dated 14.12.2016      18) RSPL/CCG/VKG/ENV-002/038/2016-17 dated 30.05.2016</p> <p>A copy of Environment Clearance and six-monthly compliance status report uploaded on company's website. Screenshot of the same is attached as <b>Annexure – 4</b>.</p>

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
xvi)	The Environmental Statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the GPCB, shall also be put on the website of the company along with the status of compliance of Environmental Clearance conditions and shall also be sent to the Bhopal Regional offices of MoEF by e-mail.	Complied.  Environmental Statement in Form-V for the FY 2024-25 will be submitted to the GPCB before 30 <sup>th</sup> June 2025 and same will be uploaded on company's website.
xvii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://envfor.nic.in">http://envfor.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional office of the Ministry.	Complied.  Public notice that the project has been accorded environmental clearance had already been published in the local newspapers dated 19.11.2015 i.e. one in Indian Express (English version) and another in Jay Hind (Gujarati Version). The copy of the same has been forwarded to The Addl. Director, MoEFCC (IA Division) & Regional Office, MoEFCC, Bhopal vide our letter No. RSPL/CCG/MNP/ENV-002/291/2015-16 dated 21.12.2015.
xviii)	The project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied  After obtaining EC, we have informed GPCB through obtaining NOC and CCA.  Soda Ash Plant was commissioned in 05.10.2018. Concerned Authorities were intimated about commencement vide our letter dated 18.10.2018.

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<b>S. No.</b>	<b>EC Conditions</b>	<b>Compliance Status</b>
7.0	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted and agreed.
8.0	The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner shall implement these conditions.	Noted and agreed.  If any additional condition imposed by the ministry we will abide with the same.
9.0	The above conditions will be enforced inter-alia under the provisions of the Water (Prevention & Control pollution) Act, 1974, Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management, Handling and Trans-boundary Movement) Rules 2008 and the Public Liability Insurance Act 1991 along with their amendments and rules.	Complied  Necessary permission i.e. CTO (CCA vide consent order no. AWH – 137417 dated 01.10.2024 under the Water (Prevention & Control pollution) Act, 1974, Air (Prevention & Control of Pollution) Act 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Transboundary Movement) Rules 2016 have been obtained. PLI policy bearing policy number OG-25-1302-3304-00000001 having validity up to 08.08.2025 from Bajaj Allianz under the Public Liability Insurance Act, 1991 has also been obtained.



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – BOILER STACK

REPORT NO.: OCT24/093/01 (ULR- TC134502400013621F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village: Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE01	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 19.10.2024	5.	Sampling Location: Boiler (Common Stack)
6.	Sampling Start Time: 11:20 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr.Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed ✓	Thimble: Packed ✓	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Boiler (Common Stack)
2.	Height	m	: 122
3.	Diameter	m	: 4.3
4.	Temperature	°C	: 117
5.	Velocity	m/s	: 5.84

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 19	30	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	: 67.22	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	: 6.38	100	IS 11255 (Part-7)
4.	Mercury	mg/Nm <sup>3</sup>	: N.D.	0.03	USEPA (2000) Method-29:

Remark : N.D. = Not Detected.

Authorized By 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK			
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00	
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --	



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/02 (ULR- TC134502400013622F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE02	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 18.10.2024	5.	Sampling Location: Kiln 1,2,3,4 ESP A Outlet
6.	Sampling Start Time: 16:00 hr	7.	Sampling Duration: 36 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr.Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed <input checked="" type="checkbox"/>	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		Kiln 1,2,3,4 Scrubber with ESP A Outlet (process Gas of Compressor Feed) Height – 15 meter
2.	Height	m	68
3.	Diameter	mm	1450
4.	Temperature	°C	33
5.	Velocity	m/s	9.65

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	12	150	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	ppm	N.D.	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NO <sub>x</sub> )	ppm	8.84	100	IS 11255 (Part-7)

Remark : N.D. - Not Detected.

Authorized By :

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE:

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- 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/03 (ULR- TC134502400013623F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE03	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 19.10.2024	5.	Sampling Location: Lime Grinding System (A)
6.	Sampling Start Time: 16:45 hr	7.	Sampling Duration: 41 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed	Thimble: Packed <input checked="" type="checkbox"/>	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Lime Grinding System (A)
2.	Height	m	: 65
3.	Diameter	mm	: 600
4.	Temperature	°C	: 96
5.	Velocity	m/s	: 24.4

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 26	150	IS 11255 (Part-I)

Remark :

Authorized By

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



TC-13450



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/04 (ULR- TC134502400013624F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE04	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 20.10.2024	5.	Sampling Location: Ammonia Recovery System (B)
6.	Sampling Start Time: 12:00 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr.Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed √	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	:	Description
1.	Source		:	Ammonia Recovery System (B)
2.	Height	m	:	42
3.	Diameter	mm	:	696
4.	Temperature	°C	:	32
5.	Velocity	m/s	:	-

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	:	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	:	3.81	175	IS 11255 (Part-6)

Remark :

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK			
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00	
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --	



TC-13450



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/05 (ULR- TC134502400013625F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE05	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 18.10.2024	5.	Sampling Location: Filtration & Calcinations System (C-3)
6.	Sampling Start Time: 15:30 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr.Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Filtration & Calcinations (C-3)
2.	Height	m	: 37
3.	Diameter	mm	: 600
4.	Temperature	°C	: 29
5.	Velocity	m/s	: -

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	: 2.93	175	IS 11255 (Part-6)

#### Remark :

#### Authorized By:

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/06 (ULR- TC134502400013626F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE06	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 18.10.2024	5.	Sampling Location: Filtration & Calcinations System (C-4)
6.	Sampling Start Time: 16:30 hr	7.	Sampling Duration: 30 Minute
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr.Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed ✓	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Filtration & Calcinations (C-4)
2.	Height	m	: 37
3.	Diameter	mm	: 600
4.	Temperature	°C	: 31
5.	Velocity	m/s	: -

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	: 2.76	175	IS 11255 (Part-6)

Remark :

Authorized By - 

Name : Bhavisha Paridya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: OCT24/093/07 (ULR- TC134502400013627F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24SE07	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 19.10.2024	5.	Sampling Location: DG Set (SS-4) (2000 KVA)
6.	Sampling Start Time: 15:45 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 28.10.2024	9.	Analysis Completed on: 28.10.2024
10.	Reporting Date: 11.11.2024	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Mayur	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed ✓	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 28.10.2024		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	:	Description
1.	Source		:	DG Set (SS-4) (2000 KVA)
2.	Height	m	:	30
3.	Diameter	mm	:	200
4.	Temperature	°C	:	138
5.	Velocity	m/s	:	14.74

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	:	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	:	46	150	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	ppm	:	18.75	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NOx)	ppm	:	10.21	50	IS 11255 (Part-7)

Remark :

Authorized By -

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: OCT24/093/09 (ULR- TC134502400013629F)

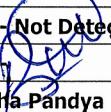
#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd. 1. Survey No 471,Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.																	
2. Sample ID: 2458868246 – 093OC24AQ01	3. Client Representative: Mr. Pankaj Sharma																
4. Sampling Date: 18.10.2024	5. Sampling Location: Near Old Admin Block																
6. Sampling Start Time: 12:37 hr	7. Sampling Duration: 24 Hrs																
8. Analysis commenced on: 28.10.2024	9. Analysis Completed on: 28.10.2024																
10. Reporting Date: 11.11.2024	11. Discipline : Chemical																
12. Sample Collected By: Mr.Mayur	13. Group : Atmospheric Pollution																
14. Sampling Procedure: IS Method	15. Product: Ambient Air																
16. Description of Sample: Sampling Bottles: Sealed ✓	Filter Paper: Packed ✓	Bladder: Clamped ✓															
17. Environment Condition: Temp: Normal Humidity: Moderate	Wind speed: Smooth	Cloud cover: Clear sky															
Rain: No Rain	Wind Direction: Up wind	Wind blowing from: NE	Station category: Industrial														
18. Sample Received Date: 28.10.2024																	

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 44	100	IS 5182 (Part-23)
2.	PM 2.5	µg/m <sup>3</sup>	: 18	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 6.36	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 10.46	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114,Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113,Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.732	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By: 

Name : Bhavisha Pandya	Designation : Sr.Chemist
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NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - AMBIENT		
DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



TC-13450



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: OCT24/093/10 (ULR- TC134502400013630F)

#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd.														
1. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.														
2. Sample ID: 2458868246 – 093OC24AQ02					3. Client Representative: Mr. Pankaj Sharma					4. Sampling Date: 19.10.2024				
6. Sampling Start Time: 12:10 hr					7. Sampling Duration: 24 Hrs					8. Analysis commenced on: 28.10.2024				
10. Reporting Date: 11.11.2024					9. Analysis Completed on: 28.10.2024					11. Discipline : Chemical				
12. Sample Collected By: Mr. Mayur					13. Group : Atmospheric Pollution					14. Sampling Procedure: IS Method				
16. Description of Sample: Sampling Bottles: Sealed ✓					15. Product: Ambient Air					17. Environment Condition: Temp: Normal Humidity: Moderate				
Rain: No Rain					Wind speed: Smooth					Wind blowing from: NE				
18. Sample Received Date: 28.10.2024														

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 48	100	IS 5182 (Part-23)
2.	PM 2.5	µg/m <sup>3</sup>	: 16	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 8.67	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 10.46	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114, Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113, Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.835	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: OCT24/093/11 (ULR- TC134502400013631F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471,Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.																
2.	Sample ID: 2458868246 – 093OC24AQ03				Client Representative: Mr. Pankaj Sharma												
4.	Sampling Date: 18.10.2024							Sampling Location: Towards Gojiness Village side (Near salt storage yard)									
6.	Sampling Start Time: 11:50 hr							Sampling Duration: 24 Hrs									
8.	Analysis commenced on: 28.10.2024							Analysis Completed on: 28.10.2024									
10.	Reporting Date: 11.11.2024							Discipline : Chemical									
12.	Sample Collected By: Mr.Mayur							Group : Atmospheric Pollution									
14.	Sampling Procedure: IS Method							Product: Ambient Air									
16.	Description of Sample: Sampling Bottles: Sealed √				Filter Paper: Packed √			Bladder: Clamped √									
17.	Environment Condition: Temp: Normal			Humidity: Moderate			Wind speed: Smooth			Cloud cover: Clear sky							
	Rain: No Rain			Wind Direction: Down wind			Wind blowing from: NE			Station category: Industrial							
18.	Sample Received Date: 28.10.2024																

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 58	100	IS 5182 (Part-23)
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	: 21	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 7.54	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 10.12	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114,Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113,Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.664	02	IS 5182 (Part-10)

Remark : N.D.  Not Detected.

Authorized By

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
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 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: OCT24/093/13 (ULR- TC134502400013633F)

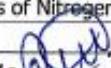
#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd.																	
1. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.																	
2. Sample ID: 2458868246 – 093OC24AQ05						3. Client Representative: Mr. Pankaj Sharma						4. Sampling Date: 18.10.2024					
5. Sampling Location: Coal Storage Yard (Near SS9)						6. Sampling Start Time: 12:10 hr						7. Sampling Duration: 24 Hrs					
8. Analysis commenced on: 28.10.2024						9. Analysis Completed on: 28.10.2024						10. Reporting Date: 11.11.2024					
11. Discipline : Chemical						12. Sample Collected By: Mr.Mayur						13. Group : Atmospheric Pollution					
14. Sampling Procedure: IS Method						15. Product: Ambient Air						16. Description of Sample: Sampling Bottles: Sealed ✓					
Filter Paper: Packed ✓						Bladder: Clamped ✓						17. Environment Condition: Temp: Normal					
Humidity: High						Wind speed: Smooth						Cloud cover: Clear sky					
Rain: No Rain						Wind Direction: Core area						Wind blowing from: NE					
18. Sample Received Date: 28.10.2024																	

#### TEST RESULTS

SR. NO	Parameters	Unit (SI)		Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	:	76	100	IS 5182 (Part-23)
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	:	44	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	:	6.93	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	:	16.54	80	IS 5182 (Part-6)

Remark :

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

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 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date.: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --

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## ENVIRONMENTAL MONITORING REPORT



### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: OCT24/093/14

#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd.	
1. Survey No 471, Near Marvellore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka - Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.	
2. Sample ID: 2458868246 - 093OC24AQ05	3. Client Representative: Mr. Pankaj Sharma
4. Sampling Date: 18.10.2024	5. Sampling Location: Coal Storage Yard (Near SS9)
6. Sampling Start Time: 12:10 h-	7. Sampling Duration: 24 Hrs
8. Analysis commenced on: 28.10.2024	9. Analysis Completed on: 28.10.2024
10. Reporting Date: 11.11.2024	11. Discipline : Chemical
12. Sample Collected By: Mr.Mayur	13. Group : Atmospheric Pollution
14. Sampling Procedure: IS Method	15. Product: Ambient Air
16. Description of Sample: Sampling Bottles: Sealed ✓	Filter Paper: Packed ✓ Bladder: Clamped ✓
17. Environment Condition: Temp: Normal Humidity: High	Wind speed: Smooth Cloud cover: Clear sky
Rain: No Rain Wind Direction: Core area	Wind blowing from: NE Station category: Industrial
18. Sample Received Date: 28.10.2024	

#### TEST RESULTS

SR. NO	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	SPM	µg/m³	: 274	N.A.	IS 5182 (Part 23) : 2006
Remark : <i>OK</i>					
Authorized By - <i>[Signature]</i>					
Name : Bhavisha Pandya		Designation : Sr.Chemist			

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – OUTFALL EFFLUENT SAMPLE

REPORT NO.: OCT24/093/17 (ULR- TC134502400013636F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24EF03	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 20.10.2024	5.	Sample Collected By: Mr. Mayur
6.	Analysis commenced on: 22.10.2024	7.	Analysis Completed on: 27.10.2024
8.	Reporting Date: 11.11.2024	9.	Discipline: Chemical
10.	Packing Condition & Quantity: Sealed √	11.	Group : Pollution and Environment
12.	Sampling Location: Treated Outfall Discharge Chamber	13.	Product: Treated Effluent (Waste Water)
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	Sample Received Date: 22.10.2024

#### TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	pH	:	8.34	6.5 - 9.0	APHA 24 <sup>th</sup> Edition 4500 H+ B
2.	Temperature	°C	: 29	Not Exceeding 5°C above the ambient temperature of the receiving body	APHA 24 <sup>th</sup> Edition 2550 - B
3.	Colour	Pt-CO	: 10	100	APHA 24 <sup>th</sup> Edition 2120 - B
4.	Suspended Solids	mg/L	: 680	1000	APHA 24 <sup>th</sup> Edition 2540 - D
5.	Oil & Grease	mg/L	: N.D	5	APHA 24 <sup>th</sup> Edition 5520 - B
6.	Ammonical Nitrogen	mg/L	: 1.83	50	IS 3025 (Part-34)

Remark : N.D. - Not Detected.

Authorised By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE:

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- 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - EFFLUENT

DOC. NO.: LAB-FMT-050	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – STP EFFLUENT SAMPLE

REPORT NO.: OCT24/093/15 (ULR- TC134502400013634F)

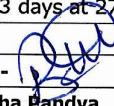
#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24EF01	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 20.10.2024	5.	Sample Collected By: Mr. Mayur
6.	Analysis commenced on: 22.10.2024	7.	Analysis Completed on: 27.10.2024
8.	Reporting Date: 11.11.2024	9.	Discipline: Chemical
10.	Packing Condition & Quantity: Sealed √	11.	Group : Pollution and Environment
12.	Sampling Location: STP Outlet (Near Ammonia Storage)	13.	Product: Treated Domestic Waste Water
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	Sample Received Date: 22.10.2024

#### TEST RESULTS

<u>S.No.</u>	<u>Parameters</u>	<u>Unit (SI)</u>	<u>Results</u>	<u>Specification/ SPCB Norms/ BIS Standards</u>	<u>Method Used</u>
1.	pH	:-	7.10	6.5 – 9.0	APHA 24 <sup>th</sup> Edition 4500 H+ B
2.	Suspended Solids	mg/L	11	<100	APHA 24 <sup>th</sup> Edition 2540 - D
3.	BOD (3 days at 27 °C)	mg/L	6	<30	IS 3025 (Part-44)

Remark :

Authorised By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - EFFLUENT

DOC. NO.: LAB-FMT-050	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - MICROBIOLOGY

REPORT NO.: OCT24/093/25 (ULR- TC134502400013641F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 093OC24EF01	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 20.10.2024	5.	Sample Collected By: Mr. Mayur
6.	Packing Condition & Quantity: Sealed ✓	7.	Discipline: Biological
8.	Analysis commenced on: 25.10.2024	9.	Group: Environment and Pollution
10.	Analysis Completed on: 29.10.2024	11.	Product: Treated Domestic Waste Water
12.	Reporting Date: 11.11.2024	13.	Sampling Method: IS 1622
14.	Sampling Location: STP Outlet (Near Ammonia Storage)	15.	Sample Received Date: 25.10.2024

#### TEST RESULTS

S. No.	Parameters	Results	Unit (SI)	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Fecal Coliform Bacteria	N.D.(<1.8)	MPN/100ml	<1000	APHA 24 <sup>th</sup> Edition 9221 E & C

**Remarks:** N.D. - Not Detected

**Authorized by:** *Jyoti Chauhan*

Name: Jyoti Chauhan	Designation: Sr.Microbiologist
---------------------	--------------------------------

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re-sampling may be done, if required, with written approval of the laboratory.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - MICROBIOLOGY

DOC. NO.: LAB-FMT-217	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

**REPORT NO.: OCT24/093/28 (ULR- TC134502400013644F)**

#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458868246 - 0093OC24NO01	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 18.10.2024	5	Sample Collected By: Mr.Mayur
6	Analysis commenced on: 18.10.2024	7	Analysis Completed on: 19.10.2024
8	Reporting Date: 11.11.2024	9	Sampling Location: Near Old Admin Block
10	Discipline: Chemical	13	Sample Received Date: 19.10.2024
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	57.3	22.00 PM	54.6	IS 9989: 1981
07.00 AM	51.6	23.00 PM	53.2	IS 9989: 1981
08.00 AM	52.4	24.00 PM	50.7	IS 9989: 1981
09.00 AM	63.7	01.00 AM	50.9	IS 9989: 1981
10.00 AM	63.9	02.00 AM	49.1	IS 9989: 1981
11.00 AM	58.4	03.00 AM	50.9	IS 9989: 1981
12.00 PM	58.6	04.00 AM	50.2	IS 9989: 1981
13.00 PM	59.2	05.00 AM	48.9	IS 9989: 1981
14.00 PM	59.7	06.00 AM	49.3	IS 9989: 1981
15.00 PM	67.2			IS 9989: 1981
16.00 PM	64.6			IS 9989: 1981
17.00 PM	61.2			IS 9989: 1981
18.00 PM	60.9			IS 9989: 1981
19.00 PM	59.2			IS 9989: 1981
20.00 PM	57.3			IS 9989: 1981
21.00 PM	57.9			IS 9989: 1981
22.00 PM	54.6			IS 9989: 1981
Average	59.3	Average	50.9	
Max.	67.2	Max.	54.6	
Min.	51.6	Min.	48.9	

**Remark: GPCB Limits: Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)**

**Authorized By -**

**Name : Bhavisha Pandya**

**Designation : Sr.Chemist**

#### NOTE :

- 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
- 2) Re analysis of Sample will be done, if requested within 7 days from the date of Reporting of Sample if the Samples are not consumed during analysis.
- 3) The results reported above relate to the Sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

REPORT NO.: OCT24/093/29 (ULR- TC134502400013645F)

#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458868246 - 0093OC24NO02	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 19.10.2024	5	Sample Collected By: Mr. Mayur
6	Analysis commenced on: 19.10.2024	7	Analysis Completed on: 20.10.2024
8	Reporting Date: 11.11.2024	9	Sampling Location: Towards Goji Ness Village (Nr.Salt Storage Yard)
10	Discipline: Chemical	13	Sample Received Date: 20.10.2024
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	64.6	22.00 PM	68.2	IS 9989: 1981
07.00 AM	65.8	23.00 PM	67.6	IS 9989: 1981
08.00 AM	69.3	24.00 PM	68.3	IS 9989: 1981
09.00 AM	67.6	01.00 AM	67.3	IS 9989: 1981
10.00 AM	67.9	02.00 AM	64.0	IS 9989: 1981
11.00 AM	68.3	03.00 AM	58.3	IS 9989: 1981
12.00 PM	70.0	04.00 AM	59.7	IS 9989: 1981
13.00 PM	70.6	05.00 AM	61.2	IS 9989: 1981
14.00 PM	68.3	06.00 AM	64.6	IS 9989: 1981
15.00 PM	67.4			IS 9989: 1981
16.00 PM	67.2			IS 9989: 1981
17.00 PM	69.3			IS 9989: 1981
18.00 PM	67.6			IS 9989: 1981
19.00 PM	70.4			IS 9989: 1981
20.00 PM	70.2			IS 9989: 1981
21.00 PM	68.9			IS 9989: 1981
22.00 PM	68.2			IS 9989: 1981
Average	68.3	Average	64.4	
Max.	70.6	Max.	68.3	
Min.	64.6	Min.	58.3	

Remark: GPCB Limits: Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

#### NOTE :

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- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--



TC-13450



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

REPORT NO.: OCT24/093/30 (ULR- TC134502400013646F)

#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458868246 - 0093OC24NO03	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 20.10.2024	5	Sample Collected By: Mr. Mayur
6	Analysis commenced on: 20.10.2024	7	Analysis Completed on: 21.10.2024
8	Reporting Date: 11.11.2024	9	Sampling Location: Near Time Office
10	Discipline: Chemical	13	Sample Received Date: 21.10.2024
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	56.6	22.00 PM	56.3	IS 9989: 1981
07.00 AM	58.3	23.00 PM	56.9	IS 9989: 1981
08.00 AM	60.7	24.00 PM	55.2	IS 9989: 1981
09.00 AM	61.4	01.00 AM	54.8	IS 9989: 1981
10.00 AM	62.9	02.00 AM	54.9	IS 9989: 1981
11.00 AM	63.6	03.00 AM	52.7	IS 9989: 1981
12.00 PM	61.2	04.00 AM	54.2	IS 9989: 1981
13.00 PM	59.4	05.00 AM	55.7	IS 9989: 1981
14.00 PM	59.6	06.00 AM	56.6	IS 9989: 1981
15.00 PM	61.7			IS 9989: 1981
16.00 PM	61.9			IS 9989: 1981
17.00 PM	62.6			IS 9989: 1981
18.00 PM	63.8			IS 9989: 1981
19.00 PM	61.9			IS 9989: 1981
20.00 PM	60.2			IS 9989: 1981
21.00 PM	59.2			IS 9989: 1981
22.00 PM	56.3			IS 9989: 1981
Average	60.7	Average	55.3	
Max.	63.8	Max.	56.9	
Min.	56.3	Min.	52.7	

Remark: GPCB Limits: Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

#### NOTE :

- 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
- 2) Ke analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--



# KADAM LABS PRIVATE LIMITED

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Phone : (O) 0265 - 6131000, 6131001



## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – BOILER STACK

REPORT NO.: JAN25/145/01 (ULR- TC1345025000351F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village: Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE01	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 30.01.2025	5.	Sampling Location: Boiler (Common Stack)
6.	Sampling Start Time: 12:30 hr	7.	Sampling Duration: 48 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed ✓	Thimble: Packed ✓	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Boiler (Common Stack)
2.	Height	m	: 122
3.	Diameter	m	: 4.3
4.	Temperature	°C	: 122
5.	Velocity	m/s	: 5.98

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 27	30	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	mg/Nm <sup>3</sup>	: 67.62	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NOx)	mg/Nm <sup>3</sup>	: 9.45	100	IS 11255 (Part-7)
4.	Mercury	mg/Nm <sup>3</sup>	: N.D.	0.03	USEPA (2000) Method-29:

Remark : N.D. – Not Detected.

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date.: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/02 (ULR- TC134502500003512F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE02	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 30.01.2025	5.	Sampling Location: Kiln 1,2,3,4 ESP C Outlet
6.	Sampling Start Time: 10:20 hr	7.	Sampling Duration: 46 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed √	Thimble: Packed √	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Kiln 1,2,3,4 Scrubber with ESP C Outlet (process Gas of Compressor Feed) Height – 15 meter
2.	Height	m	: 68
3.	Diameter	mm	: 1450
4.	Temperature	°C	: 39
5.	Velocity	m/s	: 12.47

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 30	150	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	ppm	: 18.69	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NOx)	ppm	: 8.81	100	IS 11255 (Part-7)

**Remark :**

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/03 (ULR- TC134502500003513F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE03	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 30.01.2025	5.	Sampling Location: Lime Grinding System (B)
6.	Sampling Start Time: 10:20 hr	7.	Sampling Duration: 40 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed	Thimble: Packed ✓	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Lime Grinding System (B)
2.	Height	m	: 65
3.	Diameter	mm	: 600
4.	Temperature	°C	: 78
5.	Velocity	m/s	: 14.49

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 39	150	IS 11255 (Part-I)

Remark :

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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Phone : (O) 0265 - 6131000, 6131001



## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/04 (ULR- TC134502500003514F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE04	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 30.01.2025	5.	Sampling Location: Ammonia Recovery System (B)
6.	Sampling Start Time: 15:30 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Ammonia Recovery System (B)
2.	Height	m	: 42
3.	Diameter	mm	: 696
4.	Temperature	°C	: 28
5.	Velocity	m/s	: -

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	: 1.84	175	IS 11255 (Part-6)

Remark :

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/05 (ULR- TC134502500003515F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE05	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 31.01.2025	5.	Sampling Location: Filtration & Calcinations System (C-3)
6.	Sampling Start Time: 16:50 hr	7.	Sampling Duration: 30 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Filtration & Calcinations (C-3)
2.	Height	m	: 37
3.	Diameter	mm	: 600
4.	Temperature	°C	: 28
5.	Velocity	m/s	: -

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	: 3.19	175	IS 11255 (Part-6)

Remark :

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/06 (ULR- TC134502500003516F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE06	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 31.01.2025	5.	Sampling Location: Filtration & Calcinations System (C-4)
6.	Sampling Start Time: 16:55 hr	7.	Sampling Duration: 30 Minute
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed <input checked="" type="checkbox"/>	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: Filtration & Calcinations (C-4)
2.	Height	m	: 37
3.	Diameter	mm	: 600
4.	Temperature	°C	: 28
5.	Velocity	m/s	: -

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Ammonia (NH <sub>3</sub> )	mg/Nm <sup>3</sup>	: 3.85	175	IS 11255 (Part-6)

Remark :

Authorized By -

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - STACK		
DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – PROCESS STACK

REPORT NO.: JAN25/145/07 (ULR- TC134502500003517F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471,Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25SE07	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 31.01.2025	5.	Sampling Location: DG Set (SS-4) (2000 KVA)
6.	Sampling Start Time: 12:10 hr	7.	Sampling Duration: 40 Minutes
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Stack Emission
16.	Description of Sample: Sampling Bottles: Sealed √	Thimble: Packed	Bladder: Clamped
17.	Sample Received Date: 05.02.2025		

#### STACK DETAILS

S.No.	Parameters	Unit (SI)	Description
1.	Source		: DG Set (SS-4) (2000 KVA)
2.	Height	m	: 30
3.	Diameter	mm	: 200
4.	Temperature	°C	: 102
5.	Velocity	m/s	: 12.38

#### TEST RESULTS

S. No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Particulate Matter	mg/Nm <sup>3</sup>	: 32	150	IS 11255 (Part-I)
2.	Sulphur Dioxide(SO <sub>2</sub> )	ppm	: 17.91	100	IS 11255 (Part-II)
3.	Oxides of Nitrogen (NOx)	ppm	: 9.08	50	IS 11255 (Part-7)

Remark : DG Set Uses Only For Testing Purpose.

Authorized By

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - STACK

DOC. NO.: LAB-FMT-052	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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Phone : (O) 0265 - 6131000, 6131001



## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: JAN25/145/12 (ULR- TC13450250003522F)

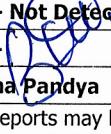
#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd.																			
1. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.																			
2. Sample ID: 2458868246 – 145JA25AQ05								3. Client Representative: Mr. Pankaj Sharma											
4. Sampling Date: 02.02.2025								5. Sampling Location: Coal Storage Yard (Near SS9)											
6. Sampling Start Time: 06:15 hr								7. Sampling Duration: 24 Hrs											
8. Analysis commenced on: 05.02.2025								9. Analysis Completed on: 06.02.2025											
10. Reporting Date: 15.02.2025								11. Discipline : Chemical											
12. Sample Collected By: Mr. Javed								13. Group : Atmospheric Pollution											
14. Sampling Procedure: IS Method								15. Product: Ambient Air											
16. Description of Sample: Sampling Bottles: Sealed ✓								Filter Paper: Packed ✓				Bladder: Clamped ✓							
17. <b>Environment Condition:</b>	Temp: Normal			Humidity: Low			Wind speed: Smooth				Cloud cover: Clear sky								
	Rain: No Rain			Wind Direction: Core area			Wind blowing from: NE				Station category: Industrial								
18. Sample Received Date: 05.02.2025																			

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 183	100	IS 5182 (Part-23)
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	: 67	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 9.91	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 12.11	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114, Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113, Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.578	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By - 

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



TC-13450



# KADAM LABS PRIVATE LIMITED

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Phone : (O) 0265 - 6131000, 6131001



## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: JAN25/145/08 (ULR- TC134502500003518F)

#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd. Survey No 471,Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.														
1. Sample ID: 2458868246 – 145JA25AQ01										3. Client Representative: Mr. Pankaj Sharma				
4. Sampling Date: 01.02.2025										5. Sampling Location: Near Old Admin Block				
6. Sampling Start Time: 06:20 hr										7. Sampling Duration: 24 Hrs				
8. Analysis commenced on: 05.02.2025										9. Analysis Completed on: 06.02.2025				
10. Reporting Date: 15.02.2025										11. Discipline : Chemical				
12. Sample Collected By: Mr. Javed										13. Group : Atmospheric Pollution				
14. Sampling Procedure: IS Method										15. Product: Ambient Air				
16. Description of Sample:		Sampling Bottles: Sealed ✓				Filter Paper: Packed ✓		Bladder: Clamped ✓						
17. <b>Environment Condition:</b>		Temp: Normal	Humidity: Low	Wind speed: Smooth			Cloud cover: Clear sky							Station category: Industrial
		Rain: No Rain	Wind Direction: Up wind	Wind blowing from: NE										
18. Sample Received Date: 05.02.2025														

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 66	100	IS 5182 (Part-23)
2.	PM 2.5	µg/m <sup>3</sup>	: 26	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 10.11	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 12.96	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114,Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113,Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.778	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: JAN25/145/09 (ULR- TC13450250003519F)

#### SAMPLE DETAILS

Name & Address of Client: M/s. RSPL Ltd. 1. Survey No 471,Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.															
2. Sample ID: 2458868246 – 145JA25AQ02	3.	Client Representative: Mr. Pankaj Sharma													
4. Sampling Date: 31.01.2025	5.	Sampling Location: Time Office													
6. Sampling Start Time: 14:46 hr	7.	Sampling Duration: 24 Hrs													
8. Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025													
10. Reporting Date: 15.02.2025	11.	Discipline : Chemical													
12. Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution													
14. Sampling Procedure: IS Method	15.	Product: Ambient Air													
16. Description of Sample: Sampling Bottles: Sealed ✓	Filter Paper: Packed ✓	Bladder: Clamped ✓													
17. Environment Condition: Temp: Normal Humidity: Low	Wind speed: Smooth	Cloud cover: Clear sky													
Rain: No Rain	Wind Direction: Cross wind	Wind blowing from: NE	Station category: Industrial												
18. Sample Received Date: 05.02.2025															

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 57	100	IS 5182 (Part-23)
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	: 25	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 8.29	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 10.49	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114,Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113,Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.673	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By - 

Name : Bhavisha Pandya	Designation : Sr.Chemist
------------------------	--------------------------

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date:.. 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - AMBIENT

REPORT NO.: JAN25/145/10 (ULR- TC134502500003520F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25AQ03	3.	Client Representative: Mr. Pankaj Sharma
4.	Sampling Date: 01.02.2025	5.	Sampling Location: Towards Gojiness Village side (Near salt storage yard)
6.	Sampling Start Time: 06:00 hr	7.	Sampling Duration: 24 Hrs
8.	Analysis commenced on: 05.02.2025	9.	Analysis Completed on: 06.02.2025
10.	Reporting Date: 15.02.2025	11.	Discipline : Chemical
12.	Sample Collected By: Mr. Javed	13.	Group : Atmospheric Pollution
14.	Sampling Procedure: IS Method	15.	Product: Ambient Air
16.	Description of Sample: Sampling Bottles: Sealed √	Filter Paper: Packed √	Bladder: Clamped √
17.	Environment Condition: Temp: Normal Humidity: Moderate Rain: No Rain Wind Direction: Cross wind	Wind speed: Smooth Wind blowing from: NE	Cloud cover: Clear sky Station category: Industrial
18.	Sample Received Date: 05.02.2025		

#### TEST RESULTS

Sr. No.	Parameters	Unit (SI)	Results	Specification/SPCB Norms/BIS Standards	Method Used
1.	PM <sub>10</sub>	µg/m <sup>3</sup>	: 58	100	IS 5182 (Part-23)
2.	PM <sub>2.5</sub>	µg/m <sup>3</sup>	: 26	60	LAB-SOP-111, Issue No 01
3.	Sulphur Dioxide (SO <sub>2</sub> )	µg/m <sup>3</sup>	: 9.56	80	IS 5182 (Part-2)
4.	Oxides of Nitrogen (NO <sub>x</sub> )	µg/m <sup>3</sup>	: 11.22	80	IS 5182 (Part-6)
5.	Ammonia(NH <sub>3</sub> )	µg /m <sup>3</sup>	: N.D.	400	LAB-SOP-109 Issue No 01
6.	Lead (pb)	µg /m <sup>3</sup>	: <1	1	IS 5182 (Part-22)
7.	Arsenic	ng/m <sup>3</sup>	: <5	06	LAB-SOP-114, Issue No 01
8.	Ozone	µg /m <sup>3</sup>	: N.D.	100	IS 5182 (Part-9)
9.	Nickel	ng/m <sup>3</sup>	: <1	20	LAB-SOP-113, Issue No 01
10.	Benzene	µg /m <sup>3</sup>	: N.D.	05	IS 5182 (Part-11)
11.	Benzo (a) Pyrene	ng/m <sup>3</sup>	: N.D.	01	IS 5182, (Part-12)
12.	CO	mg/m <sup>3</sup>	: 0.685	02	IS 5182 (Part-10)

Remark : N.D. - Not Detected.

Authorized By:

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - AMBIENT

DOC. NO.: LAB-FMT-051	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



TC-13450

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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – OUTFALL EFFLUENT SAMPLE

**REPORT NO.: JAN25/145/16 (ULR- TC134502400016675F)**

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25EF03	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 02.02.2025	5.	Sample Collected By: Mr. Javed
6.	Analysis commenced on: 05.02.2025	7.	Analysis Completed on: 10.02.2025
8.	Reporting Date: 15.02.2025	9.	Discipline: Chemical
10.	Packing Condition & Quantity: Sealed √	11.	Group : Pollution and Environment
12.	Sampling Location: Treated Outfall Discharge Chamber	13.	Product: Treated Effluent (Waste Water)
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	Sample Received Date: 05.02.2025

#### TEST RESULTS

<u>S.No.</u>	<u>Parameters</u>	<u>Unit (SI)</u>	<u>Results</u>	<u>Specification/ SPCB Norms/ BIS Standards</u>	<u>Method Used</u>
1.	pH	:	8.27	6.5 - 9.0	APHA 24 <sup>th</sup> Edition 4500 H+ B
2.	Temperature	°C	: 28.4	Not Exceeding 5°C above the ambient temperature of the receiving body	APHA 24 <sup>th</sup> Edition 2550 - B
3.	Colour	Pt-CO	: 20	100	APHA 24 <sup>th</sup> Edition 2120 - B
4.	Suspended Solids	mg/L	: 276	1000	APHA 24 <sup>th</sup> Edition 2540 - D
5.	Oil & Grease	mg/L	: <1	5	APHA 24 <sup>th</sup> Edition 5520 - B
6.	Ammonical Nitrogen	mg/L	: 1.17	50	IS 3025 (Part-34)

**Remark :****Authorised By** **Name : Bhavisha Pandya****Designation : Sr.Chemist**

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

**-----END OF REPORT-----**

<b>TEST REPORT FORMAT - EFFLUENT</b>		
DOC. NO.: LAB-FMT-050	Issue No.: 01	Revision No.: 00
Effective Date.: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT – STP EFFLUENT SAMPLE

REPORT NO.: JAN25/145/13 (ULR- TC134502500003523F)

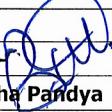
#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25EF01	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 02.02.2025	5.	Sample Collected By: Mr. Javed
6.	Analysis commenced on: 05.02.2025	7.	Analysis Completed on: 10.02.2025
8.	Reporting Date: 15.02.2025	9.	Discipline: Chemical
10.	Packing Condition & Quantity: Sealed √	11.	Group : Pollution and Environment
12.	Sampling Location: STP Outlet (Near Ammonia Storage)	13.	Product: Treated Domestic Waste Water
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	Sample Received Date: 05.02.2025

#### TEST RESULTS

S.No.	Parameters	Unit (SI)	Results	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	pH	:-	6.68	5.5 – 9.0	APHA 24 <sup>th</sup> Edition 4500 H+ B
2.	Suspended Solids	mg/L	18	20	APHA 24 <sup>th</sup> Edition 2540 - D
3.	BOD (3 days at 27 °C)	mg/L	8.0	10	IS 3025 (Part-44)
4.	COD	mg/L	28	50	APHA: 24 <sup>th</sup> Edition 5220 B

**Remark :**

**Authorised By** 

**Name : Bhavisha Pandya**

**Designation : Sr.Chemist**

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - EFFLUENT		
DOC. NO.: LAB-FMT-050	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --

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## ENVIRONMENTAL MONITORING REPORT



### LABORATORY TEST REPORT – STP EFFLUENT SAMPLE

REPORT NO.: JAN25/145/14

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd. Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd. Dwarka-Porbandar Highway, Village : Kuranga, Taluka – Dwarka, Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246 – 145JA25EF01	3.	Client Representative : Mr. Pankaj Sharma
4.	Sample Date: 02.02.2025	5.	Sample Collected By: Mr. Javed
6.	Analysis commenced on: 05.02.2025	7.	Analysis Completed on: 10.02.2025
8.	Reporting Date: 15.02.2025	9.	Discipline: Chemical
10.	Packing Condition & Quantity: Sealed ✓	11.	Group : Pollution and Environment
12.	Sampling Location: STP Outlet (Near Ammonia Storage)	13.	Product: Treated Domestic Waste Water
14.	Sampling Method: IS:3025 (Part 1)-1987	15.	Sample Received Date: 05.02.2025

#### TEST RESULTS

<u>S.No.</u>	<u>Parameters</u>	<u>Unit (SI)</u>	<u>Results</u>	<u>Specification/ SPCB Norms/ BIS Standards</u>	<u>Method Used</u>
1.	Total Nitrogen	mg/L	: 7.98	10	IS 3025 (PP34)
2.	Total Phosphorous	mg/L	: 0.89	1	APHA: 24 <sup>th</sup> Edition 4500 P D

**Remark :**

**Authorised By**

Name : Rhaavishtha Pardhy

Designation : Sr Chemist

NOTE: 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.  
3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

TEST REPORT FORMAT - EFFLUENT		
DOC. NO.: LAB-FMT-050	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - MICROBIOLOGY

REPORT NO.: JAN25/145/24 (ULR- TC134502500003529F)

#### SAMPLE DETAILS

1.	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2.	Sample ID: 2458868246- 145JA25EF01	3.	Client Representative: Mr. Pankaj Sharma
4.	Sample Date: 02.02.2025	5.	Sample Collected By: Mr. Javed
6.	Packing Condition & Quantity: Sealed ✓	7.	Discipline: Biological
8.	Analysis commenced on: 05.02.2025	9.	Group: Environment and Pollution
10.	Analysis Completed on: 07.02.2025	11.	Product: Treated Domestic Waste Water
12.	Reporting Date: 15.02.2025	13.	Sampling Method: IS 1622
14.	Sampling Location: STP Outlet (Near Ammonia Storage)	15.	Sample Received Date: 05.02.2025

#### TEST RESULTS

S. No.	Parameters	Results	Unit (SI)	Specification/ SPCB Norms/ BIS Standards	Method Used
1.	Fecal Coliform Bacteria	110	MPN/100ml	Desirable : <100 Permissible : <230	APHA 24 <sup>th</sup> Edition 9221 E & C

Remarks:

Authorized by: *Jyoti Chauhan*

Name: Jyoti Chauhan

Designation: Sr.Microbiologist

NOTE : 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.  
 2) Re-sampling may be done, if required, with written approval of the laboratory.  
 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

#### TEST REPORT FORMAT - MICROBIOLOGY

DOC. NO.: LAB-FMT-217	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date: --



TC-13450



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

REPORT NO.: JAN25/145/27 (ULR- TC134502500003532F)

#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458868246 - 145JA25NO01	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 01.02.2025	5	Sample Collected By: Mr. Javed
6	Analysis commenced on: 01.02.2025	7	Analysis Completed on: 02.02.2025
8	Reporting Date: 15.02.2025	9	Sampling Location: Near Old Admin Block
10	Discipline: Chemical	13	Sample Received Date: 02.02.2025
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	59.1	22.00 PM	57.9	IS 9989: 1981
07.00 AM	57.7	23.00 PM	58.6	IS 9989: 1981
08.00 AM	54.1	24.00 PM	54.1	IS 9989: 1981
09.00 AM	50.2	01.00 AM	50.2	IS 9989: 1981
10.00 AM	49.6	02.00 AM	49.6	IS 9989: 1981
11.00 AM	53.8	03.00 AM	45.8	IS 9989: 1981
12.00 PM	48.6	04.00 AM	49.7	IS 9989: 1981
13.00 PM	49.7	05.00 AM	54.1	IS 9989: 1981
14.00 PM	48.9	06.00 AM	52.9	IS 9989: 1981
15.00 PM	66.3			IS 9989: 1981
16.00 PM	61.4			IS 9989: 1981
17.00 PM	62.6			IS 9989: 1981
18.00 PM	64.5			IS 9989: 1981
19.00 PM	66.8			IS 9989: 1981
20.00 PM	64.7			IS 9989: 1981
21.00 PM	65.4			IS 9989: 1981
22.00 PM	60.8			IS 9989: 1981
Average	57.9	Average	52.5	
Max.	66.8	Max.	58.6	
Min.	48.6	Min.	45.8	

Remark: GPCB Limits Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)

Authorized By

Name : Bhavisha Pandya

Designation : Sr.Chemist

**NOTE :**

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- 2) Re analysis of Sample will be done, if requested within 7 days from the date of Reporting of Sample if the Samples are not consumed during analysis.
- 3) The results reported above relate to the Sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

REPORT NO.: JAN25/145/28 (ULR- TC134502500003533F)

#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458862846 - 145JA25NO02	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 02.02.2025	5	Sample Collected By: Mr. Javed
6	Analysis commenced on: 02.02.2025	7	Analysis Completed on: 03.02.2025
8	Reporting Date: 15.02.2025	9	Sampling Location: Towards Goji Ness Village (Nr.Salt Storage Yard)
10	Discipline: Chemical	13	Sample Received Date: 03.02.2025
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	51.7	22.00 PM	50.1	IS 9989: 1981
07.00 AM	56.9	23.00 PM	52.9	IS 9989: 1981
08.00 AM	51.5	24.00 PM	54.7	IS 9989: 1981
09.00 AM	54.6	01.00 AM	49.2	IS 9989: 1981
10.00 AM	52.7	02.00 AM	47.1	IS 9989: 1981
11.00 AM	54.8	03.00 AM	50.7	IS 9989: 1981
12.00 PM	55.6	04.00 AM	53.6	IS 9989: 1981
13.00 PM	57.9	05.00 AM	49.6	IS 9989: 1981
14.00 PM	60.1	06.00 AM	51.4	IS 9989: 1981
15.00 PM	61.4			IS 9989: 1981
16.00 PM	60.0			IS 9989: 1981
17.00 PM	62.7			IS 9989: 1981
18.00 PM	65.4			IS 9989: 1981
19.00 PM	60.1			IS 9989: 1981
20.00 PM	55.9			IS 9989: 1981
21.00 PM	54.6			IS 9989: 1981
22.00 PM	50.7			IS 9989: 1981
Average	56.9	Average	51.0	
Max.	65.4	Max.	54.7	
Min.	50.7	Min.	47.1	

Remark: GPCB Limits: Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

#### NOTE :

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- 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--



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## ENVIRONMENTAL MONITORING REPORT

### LABORATORY TEST REPORT - NOISE

**REPORT NO.: JAN25/145/29 (ULR- TC134502500003534F)**

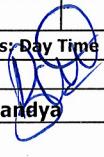
#### SAMPLE DETAILS

1	Name & Address of Client: M/s. RSPL Ltd., Survey No 471, Near Marvelore Mining & Allied Industries Pvt.Ltd.Dwarka-Porbandar Highway.Village : Kuranga Taluka – Dwarka Dist.: Dev Bhumi Dwarka Pin : 361335.		
2	Sample ID: 2458868246 - 145JA25NO03	3	Client Representative: Mr. Pankaj Sharma
4	Sample Date: 01.02.2025	5	Sample Collected By: Mr. Javed
6	Analysis commenced on: 01.02.2025	7	Analysis Completed on: 02.02.2025
8	Reporting Date: 15.02.2025	9	Sampling Location: Near Time Office
10	Discipline: Chemical	13	Sample Received Date: 02.02.2025
11	Group: Atmospheric Pollution		
12	Product: Ambient Noise Levels		

#### TEST RESULTS

Time (day)	Reading dB(A) Leq	Time (night)	Reading dB(A) Leq	Method Used
06.00 AM	58.1	22.00 PM	50.2	IS 9989: 1981
07.00 AM	54.7	23.00 PM	53.6	IS 9989: 1981
08.00 AM	62.8	24.00 PM	50.7	IS 9989: 1981
09.00 AM	65.5	01.00 AM	57.2	IS 9989: 1981
10.00 AM	56.9	02.00 AM	51.1	IS 9989: 1981
11.00 AM	60.2	03.00 AM	49.3	IS 9989: 1981
12.00 PM	60.1	04.00 AM	52.7	IS 9989: 1981
13.00 PM	63.7	05.00 AM	55.1	IS 9989: 1981
14.00 PM	60.8	06.00 AM	46.2	IS 9989: 1981
15.00 PM	55.6			IS 9989: 1981
16.00 PM	50.7			IS 9989: 1981
17.00 PM	63.9			IS 9989: 1981
18.00 PM	61.4			IS 9989: 1981
19.00 PM	53.7			IS 9989: 1981
20.00 PM	50.6			IS 9989: 1981
21.00 PM	55.9			IS 9989: 1981
22.00 PM	56.2			IS 9989: 1981
Average	58.3	Average	51.8	
Max.	65.5	Max.	57.2	
Min.	50.6	Min.	46.2	

Remark: GPCB Limits: Day Time - 75 dB(A) (06.00 AM to 10.00 PM)/Night Time - 70 dB(A) (10.00 PM to 06.00 AM)

Authorized By - 

Name : Bhavisha Pandya

Designation : Sr.Chemist

NOTE :

- 1) Reports may be reproduced, if required, but only in full and only with written approval of the laboratory.
- 2) Re analysis of sample will be done, if requested within 7 days from the date of Reporting of sample if the samples are not consumed during analysis.
- 3) The results reported above relate to the sample identified under Sample Details.

-----END OF REPORT-----

### LABORATORY TEST REPORT - NOISE

DOC. NO.: LAB-FMT-087	Issue No.: 01	Revision No.: 00
Effective Date: 26.03.2024	Issue Date: 26.03.2024	Revision Date:--

**Annexure - 2**

**Details of expenditure incurred towards CSR activities  
(Period October 2024 to March 2025)**

<b>Sr. No.</b>	<b>Activities Undertaken</b>	<b>Amount (Rs)</b>
1.	A Health Camp was organized in Dwarka, offering General Medical Check-ups, Laboratory and X-ray services, as well as gynaecology, paediatrics, and ophthalmology consultations. The camp was supported by the District and Taluka Administration and the Dwarka Nagar Palika, the camp benefited approximately 1,100 individuals. (30 <sup>th</sup> September,2025)	2,52,338
2.	Hired 10 five-seater cars on a rental basis for supporting the Pulse Polio Vaccination Program. (8 <sup>th</sup> to 10 <sup>th</sup> December,2024)	93,900
3.	Installation of around 27,500 Sq. ft. of Paver Block at Nageshwar Village (December,2024)	35,95,033
4.	Maintenance of RO and Water Cooler Installed at Ranmukteshwar and Dwarkadhist temple. (December,2024)	20,200
5.	Maintenance of Public Toilet at Nageshwar Jyotirling, Dwarka. (December, 2024)	70,682
6.	Sponsorship provided to Dograi Brigade Welfare Fund for "Indian Army Vijay Diwas Celebration-2024" (December,2024)	2,00,000
7.	Installation of Street Light at NH Lane of Kuranga Village (January,2025)	24,90,956
8.	On 26 <sup>th</sup> January, 2025, a total of approximately 791 trophies were distributed to meritorious students across 34 government primary schools in the vicinity of the Kuranga Plant and Chudeshwar Village, recognizing their academic achievements. (January,2025)	1,97,470
9.	Irrigation facilities provided for gardening activity at Kuranga Primary School. (January,2025)	15,340
10.	Supply and installation of Drip irrigation system at SDM office, Dwarka. (March,2025)	33,110
11.	Provided computer facilities at SDM Office Dwarka. (March,2025)	1,26,524
12.	Plastic waste collection and disposal of approx. 798 kg on the occasion of Holi (Phool Dol Mahotsav) at Dwarkadhist Temple from Limade to Charakla and transfer to M/s. TATA Chemicals Ltd for recycling plastic. (11 <sup>th</sup> to 14 <sup>th</sup> March,2025)	1,41,600
13.	Construction of new Anganwadi at Manpar Village, Bhanvad District with necessary facilities (March,2025)	21,94,315
14.	Setup of School named Laxmi Devi Dayal Das Academy (LDA) under the aegis of RSPL Welfare Foundation Trust for promoting education (for FY 2024-25)	2,12,98,892
15.	Financial assistance for a visually impaired individual of Kuranga village (October 2024 to March 2025)	18,000
	<b>Total</b>	<b>3,07,48,360</b>

## PHOTOGRAPHS

### Transportation Support for Pulse Polio Program



### Installation of Paver Block at Nageshwar Jyotirling



### Maintenance of RO and Water Cooler Dwarkadhish Temple



## Maintenance of RO and Water Cooler at Ranmukteshwar Temple



## Organized Medical Health Camp at Dwarka



## Setup of Laxmi Devi Dayal Das Academy (LDA) School for promoting education



### Trophies Distribution in Nearby Schools



### Construction of new Anganwadi at Manpar Village, Bhanvad District



**Plastic Waste Collection from Limabde to Charkal on the occasion of Holi (Phool Dol Mahotsav) at Dwarkadhish Temple**

**Before**



**After**



**Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide their letter dated 17.12.2014  
(Period: October-2024 to March-2025)**

Sr. No.	Conditions	Compliance Status
1.	The provisions of the CRZ notification of 2011 shall be strictly adhered by the RSPL.	Noted and agreed.
2.	The RSPL Limited shall prepare an emergency plan to protect existing ecology of the area in case of any eventuality/accidental rupture of the pipeline.	During design stage, due consideration is given for the selection of MOC and pipe design pressure to prevent any possible eventuality/accidental rupture of the pipeline. Further to monitor the pipeline system, flow meter and pressure transmitter has been provided. With help of this it will be possible to notice eventuality/accidental rupture (if any) to take corrective actions.
3.	It shall be ensured by the RSPL Limited that in such cases, the effluent discharge is immediately stopped till the adequate measures are taken.	Noted and agreed.
4.	The RSPL shall install online monitoring system for all crucial parameters and ensure that treated effluent shall be discharged into deep sea at a point suggested by the NIO only after conforming the norms prescribed by the GPCB.	Online monitoring system for critical parameters like Temperature, pH, SS and Ammonical Nitrogen has been installed before the discharge in the outfall. Treated effluent meeting the MoEFCC/GPCB norms are being discharged into the deep Arabian Sea (-12m CD water depth) at a location recommended by NIO.
5.	The RSPL Limited shall ensure that the laying of pipeline should be avoided during the breeding period of sea turtles.	Necessary precautions had been taken while laying the pipelines.
6.	Necessary permissions including permission under Forest (Conservation) Act, 1980 from different departments/agencies under different laws/acts shall be obtained before commencing the construction/pipeline laying activities.	Necessary following clearances/recommendations had already been obtained (copies of the same had already been submitted in earlier compliance report vide our letter dated 30.05.2016). <ul style="list-style-type: none"> <li>A. Environmental Clearance: MoEFCC, New Delhi had accorded consolidated EC-CRZ Clearance vide letter dated 12.11.2015 and</li> <li>B. Forests &amp; Environment Department (DoEF), Gandhinagar/ Gujarat Coastal Management Zone Authority, Gandhinagar had issued necessary recommendation vide letter dated 17.12.2014.</li> <li>C. Forest Clearance: MoEFCC, Bhopal vide letter dated 31.08.2015 and 30.12.2015 had issued Stage-I and Stage-</li> </ul>

**Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide their letter dated 17.12.2014  
(Period: October-2024 to March-2025)**

Sr. No.	Conditions	Compliance Status
		II Forest Approval respectively. On receipt of approval from MoEFCC, Bhopal, Government of Gujarat had issued necessary MEMORANDUM for diversion of forest land vide letter dated 22.03.2016.
7.	Treated effluent meeting with the Gujarat Pollution Control Board (GPCB) norms at the point recommended by the NIO shall only be discharged through the said pipeline.	The return once through cooling water is being mixed with Process effluent and further diluted treated & diluted with fresh Seawater to meet GPCB norms. Treated effluent is being monitored for Temperature, pH, SS and Ammonical Nitrogen parameters through online monitoring system prior to discharge into the Arabian Sea at a designated point as recommended by the NIO.
8.	All the recommendations and suggestions given by the NIO in their effluent disposal point selection report and suggestions /recommendations given by M/s NIO in their Comprehensive Marine EIA report and M/s. NEERI in the Environment Impact Assessment report shall be implemented strictly by M/s RSPL.	Recommendations and Mitigation measures suggested in Comprehensive Marine EIA report of M/s. NIO and in the Environment Impact Assessment report of M/s. NEERI have been implemented.  The Online monitoring system for critical parameters like Temperature, pH, SS and Ammonical Nitrogen has been installed before the discharge in the outfall. Treated effluent meeting the MoEFCC/GPCB norms is being discharged into the deep Arabian Sea (-12m CD water depth) through multiport diffuser system at a location recommended by NIO.
9.	The effluent not meeting with the GPCB norms shall not be discharged and shall be stored in the Guard ponds and recycled back into the Effluent Treatment Plant for further treatment to achieve the GPCB norms. M/s. RSPL shall install necessary facilities for this purpose and shall strictly ensure the compliance with the GPCB norms, round the clock.	Noted.

**Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide their letter dated 17.12.2014  
(Period: October-2024 to March-2025)**

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
10.	Comprehensive Environment Impact Assessment report shall be submitted to this department and the recommendations/suggestions given in it shall be implemented.	Already submitted to Forests and Environment Dept., Gandhinagar.
11.	The construction debris and sewage generated during the construction phase shall not be discharged into the creek, sea, estuary or into the CRZ area. The debris shall be removed from the construction site immediately after the construction is over and shall be disposed off as the guidance of the GPCB.	Construction debris has been removed from project site after completion of project work and not been discharged into the creek/sea. No sewage has been discharged into creek /sea.
12.	The construction camps shall be located outside the CRZ area and the construction labours shall be provided with the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the construction labours.	Construction camps were located outside CRZ area during construction stage and have already been removed now from project site after completion of construction work.
13.	The Groundwater shall not be tapped to meet with water requirements during construction or operation phase in any case.	Noted and agreed.
14.	A Disaster Management Plan to meet with any eventualities that may arise during construction and/or operation phase shall be prepared and implemented.	On-site and Off-site Emergency Plan has been prepared and being implemented.
15.	The pipeline shall be monitored regularly by the company and it shall be ensured that there is no leak from the pipeline, in case of any such eventualities, the company shall immediately stop disposal through the said pipeline and take the corrective measures in consultation with the GPCB and the District Collector.	During design stage, due consideration is given for the selection of MOC and pipe design pressure to prevent any possible eventuality/accidental rupture of the pipeline. Further to monitor the pipeline system, flow meter and pressure transmitter has been provided. With help of this it will be possible to notice eventuality/accidental rupture (if any) to take corrective actions.
16.	The RSPL shall ensure and adopt safety precautions for effective and satisfactory functioning of the pipeline and shall provide Leak Detection System and Cathodic Protection system for the purpose.	Noted and agreed.

**Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide their letter dated 17.12.2014  
(Period: October-2024 to March-2025)**

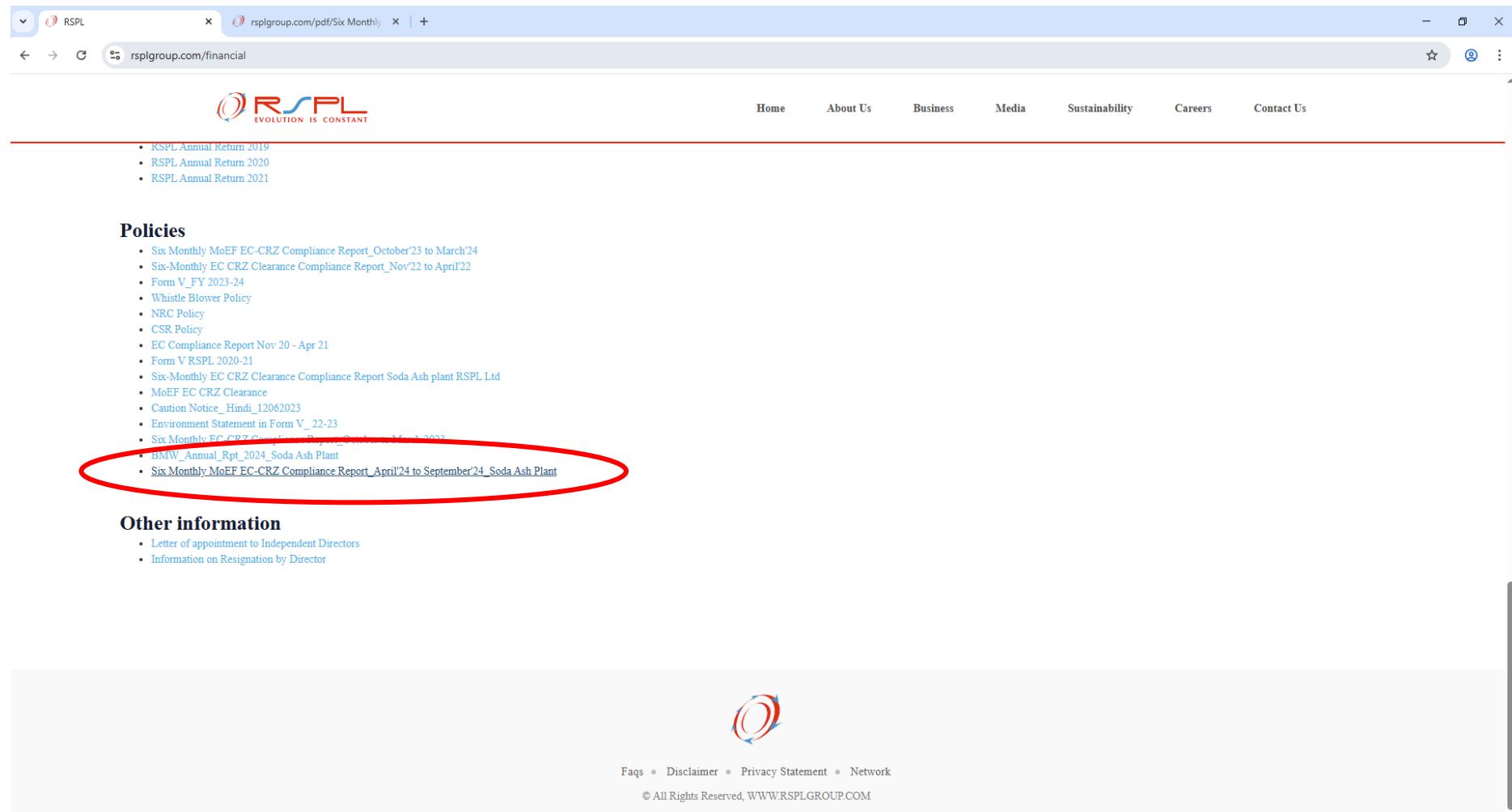
<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
17.	A separate Environmental Cell with qualified personnel shall be created to implement the Environmental Management Plan and a separate budget shall be provided for this purpose.	A separate Environment Cell equipped with qualified personnel is deputed under the supervision of Plant Head for implementation of Environment Management Plan.
18.	The cost of the external agency that may be appointed by this department for supervision /monitoring of the project activities during construction/operational phases shall be borne by M/s RSPL.	Agreed.
19.	Massive greenbelt development including the mangrove plantation shall in area of 50 ha. be carried out in consultation with the GEC/ Forest Department by RSPL and would be completed within a period of two years from the date of issuance of the CRZ Clearance from MoEF& CC, GOI.	Mangrove plantation had already been undertaken and completed in 50 ha. in Kantiyanjal village, Hasot Taluka of Bharuch District in consultation with Gujarat Ecology Commission (GEC), Gandhinagar. Mangrove Plantation was carried out through local Community based Organization.
20.	A large-scale socio-economic upliftment program in consultation with District Collector/DDO shall be carried out. A separate budget shall be provided for this purpose and details be furnished to this Department from time to time.	CSR activities undertaken with photographs are attached herewith as <b>Annexure-2</b> for the details.
21.	Environment Audit report shall be submitted every year. The report shall also cover the change in the coastal and marine environment enroute the proposed pipeline and around disposal point due to commissioning of the proposed pipeline.	Environmental Audit for Soda Ash plant is being carried out through GPCB Authorized Schedule—I Environmental auditor for every financial year and reports are being submitted to GPCB by end of June every year.
22.	A six-monthly progress report regarding the compliance of the conditions shall be submitted to this Department and MoEF&CC, GOI.	The six-monthly compliance reports have been submitted to the MoEFCC, RO- Bhopal, CPCB, Zonal Office-Vadodara and GPCB on following dates: 1) RSPL/CCG/VKG/ENV-002/072/2024-25 dated 11.12.2024 2) RSPL/CCG/VKG/ENV-002/005/2024-25 dated 17.04.2024 3) RSPL/CCG/VKG/ENV-002/084/2023-24 dated 29.11.2023 4) RSPL/CCG/VKG/ENV-002/023/2023-24 dated 03.07.2023 5) RSPL/CCG/VKG/ENV-002/084/2022-23 dated 17.12.2022 6) RSPL/CCG/VKG/ENV-002/023/2022-23 dated 25.05.2022 7) RSPL/CCG/VKG/ENV-002/087/2021-22 dated 25.11.2021 8) RSPL/CCG/VKG/ENV-002/036/2020-21 dated 08.07.2021 9) RSPL/CCG/VKG/ENV-002/104/2020-21 dated 30.11.2020

**Compliance of the conditions specified by Gujarat Coastal Zone Management Authority (GCZMA) vide their letter dated 17.12.2014  
(Period: October-2024 to March-2025)**

<b>Sr. No.</b>	<b>Conditions</b>	<b>Compliance Status</b>
		10) RSPL/CCG/VKG/ENV-002/001/2020-21 dated 30.05.2020 11) RSPL/CCG/VKG/ENV-002/013/2019-20 dated 19.11.2019 12) RSPL/CCG/VKG/ENV-002/013/2019-20 dated 12.05.2019 13) RSPL/CCG/VKG/ENV-002/116/2018-19 dated 12.12.2018 14) RSPL/CCG/VKG/ENV-002/042/2018-19 dated 15.06.2018 15) RSPL/CCG/VKG/ENV-002/095/2017-18 dated 04.12.2017 16) RSPL/CCG/VKG/ENV-002/026/2017-18 dated 19.05.2017 17) RSPL/CCG/VKG/ENV-002/228/2016-17 dated 14.12.2016 18) RSPL/CCG/VKG/ENV-002/038/2016-17 dated 30.05.2016
23.	Any additional condition that may be imposed by this department/MoEF&CC, GOI from time to time shall have to be complied with by M/s RSPL.	If any additional condition imposed by the DoEF/ministry, we will abide with the same.

## Annexure-4

Source: <https://www.rsplgroup.com/financial>



The screenshot shows a web browser displaying the RSPL website. The page title is 'rsplgroup.com/pdf/Six Monthly'. The navigation bar includes links for Home, About Us, Business, Media, Sustainability, Careers, and Contact Us. The 'Policies' section is highlighted with a red oval. The list of policies includes:

- RSPL Annual Return 2019
- RSPL Annual Return 2020
- RSPL Annual Return 2021

**Policies**

- Six Monthly MoEF EC-CRZ Compliance Report\_October'23 to March'24
- Six-Monthly EC CRZ Clearance Compliance Report\_Nov'22 to April'22
- Form V\_FY 2023-24
- Whistle Blower Policy
- NRC Policy
- CSR Policy
- EC Compliance Report Nov 20 - Apr 21
- Form V RSPL 2020-21
- Six-Monthly EC CRZ Clearance Compliance Report Soda Ash plant RSPL Ltd
- MoEF EC CRZ Clearance
- Caution Notice\_Hindi\_12062023
- Environment Statement in Form V\_ 22-23
- Six Monthly EC CRZ Clearance Compliance Report\_Soda Ash plant
- BMW\_Annual\_Rpt\_2024\_Soda Ash Plant
- Six Monthly MoEF EC-CRZ Compliance Report\_April'24 to September'24\_Soda Ash Plant

**Other information**

- Letter of appointment to Independent Directors
- Information on Resignation by Director

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